

## EAST Search History

L3	917	((463/62 or 463/43).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/19 14:24
L4	1298	((700/94).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/19 14:27
L5	27	return adj paths same (three or more) same channel\$1 same sound	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/19 14:32
L6	2	5 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/19 14:32
L7	1619	return adj paths and (three or more) and channel\$1 and sound	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/19 14:32
L8	2	1 and 7 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/19 15:32
L9	0	2 and 7 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/19 15:32
L10	0	3 and 7 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/19 15:32
L11	2	4 and 7 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/19 15:38

## EAST Search History

L12	45347	((("381"/\$).cccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/19 15:38
L13	34	12 and 7 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/19 15:38
L15	2	("5896459").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/19 16:32
L16	17	("4479240"   "4524452"   "4635288"   "5237619"   "5444676"   "5454041"   "5471539"   "5652797"   "5757941"   "5774567").PN. OR ("5896459").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/19 16:32
S1	46	((("4879751") or ("5621877") or ("RE37156") or ("RE37156") or ("6324511") or ("4813907") or ("5418321") or ("5563648") or ("6433835") or ("4586905") or ("5466158") or ("4439156") or ("6292830") or ("5304112") or ("6005551") or ("5789689") or ("5918302") or ("5317104") or ("5701384") or ("5841483") or ("5951690") or ("6166748") or ("6239810") or ("6188985") or ("6205101") or ("4910670") or ("4924303") or ("5462275") or ("5471636") or ("5683253") or ("5692213") or ("5717438") or ("5768126") or ("5768393") or ("5963217") or ("6061747") or ("6061747") or ("6085257") or ("6161092") or ("6216184") or ("6216184") or ("6247095") or ("6369822") or ("6606689") or ("6609977") or ("6643744") or ("6219426") or ("6219426") or ("6005953") or ("5530924"))).PN.	USPAT; USOCR; EPO	OR	OFF	2006/02/17 11:44

## EAST Search History

S81	306	((("84"/\$).ccls.) and auxiliary and effect and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 16:25
S82	0	((("84"/\$).ccls.) and sound adj auxiliary and sound adj effect and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 16:28
S83	3	((("84"/\$).ccls.) and sound adj auxiliary and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 16:26
S84	366	((("84"/\$).ccls.) and sound adj effect and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 16:27
S85	0	((("84"/\$).ccls.) and auxiliary adj sound adj effect and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/02 16:21
S86	12	((("84"/\$).ccls.) and auxiliary adj sound and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 16:28
S87	382	((("381"/61).ccls.) and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/19 14:30
S88	1	(main adj sound adj component\$1) and (auxiliary adj sound adj component\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 09:48

## EAST Search History

S99	68	auxiliary adj signal adj components	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 10:13
S10 0	330	main adj signal adj components	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 10:13
S10 1	22	S99 and S100 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 10:14
S10 2	382	((381/61).ccls.) and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/22 10:23
S10 3	2714	((381/61 or 381/307 or 381/1 or 381/17-23).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/19 14:23
S10 4	1103	((381/62 or 381/68 or 381/63 or 381/119).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/19 14:23
S10 5	879	((463/62 or 463/43).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/19 14:24
S10 6	1202	((700/94).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/19 14:24
S10 7	2	auxiliary adj sound adj effect	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/02 16:21
S10 8	263	mixer adj (buffer or bus\$2 or memory)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/07/02 16:32

## EAST Search History

S109	153717	main same auxiliary	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/02 16:36
S110	3	S109 and S108 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/02 16:36
S111	267592	main and auxiliary	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/02 16:36
S112	8	S111 and S108 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/02 16:36
S113	40	((("5,471,450") or ("5,607,356") or ("5,689,080") or ("5,753,841") or ("5,763,801") or ("5,809,342") or ("5,835,944") or ("5,847,304") or ("5,895,469") or ("5,966,182") or ("6,008,446") or ("6,016,522") or ("6,047,365") or ("6,100,461") or ("6,137,043") or ("6,137,046") or ("6,138,183") or ("6,148,439") or ("6,195,736") or ("6,239,345"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/19 16:32
S114	11	"5896459"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/19 10:01
S115	17	("4479240"   "4524452"   "4635288"   "5237619"   "5444676"   "5454041"   "5471539"   "5652797"   "5757941"   "5774567").PN. OR ("5896459").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/19 10:03

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		S109 and S108 and <="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/02 16:34
		S99 and S100 and <="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/02 16:33
		((("381"/\$).cls.))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/16 10:35
		((381/62).cls.))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/16 10:25
		((381/61).cls.))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/16 10:25
		((381/61).cls.))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 10:24
		(main adj sound adj component\$1) or (auxiliary adj sound adh component\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 17:48
L1	2795	((381/61 or 381/307 or 381/1 or 381/17-23).ccls.))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/19 14:23
L2	1130	((381/62 or 381/68 or 381/63 or 381/119).ccls.))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/19 15:38